Appl. No. 10/521,329 Atty. Ref.: 2350-102

Amendment

November 30, 2010

## **AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows:

Claims 1-52. (Cancelled)

53. (Currently Amended) A pharmaceutical composition comprising a pharmaceutically effective amount of at least one compound

of the having a formula (I)

$$X-(NH)_n$$
 $-C$ 
 $-N$ 
 $R_1$ 
 $R_2$ 
 $(I)$ 

in which

X represents a group of formula (II)

$$N - R'_{1}$$
 $- Z - (NH)_{n} - C - N - R'_{3}$  (II)
 $R'_{2}$ 

where Z is a  $-(CH_2)_m$  group, with m = 8 to 21,

$$n = 0 \text{ or } 1$$

and  $Y = R_3$ ,

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R<sub>1</sub> and R'<sub>1</sub>, identical to or different from one another, being chosen from H, alkyl, OH, O-alkyl, O-aryl, O-CO-alkyl, O-CO-aryl, OSO<sub>2</sub>-alkyl, OSO<sub>2</sub>-aryl, OSO<sub>2</sub>- heterocycle, O-CO-S-alkyl, O-CO-NH-alkyl, O-CO-O-alkyl, O-CO-O-aryl, O-CO- S-aryl, O-CO- NH-aryl, PO(O-alkyl)<sub>2</sub>, PO(O-aryl)<sub>2</sub>, CO-O-CH<sub>2</sub>-aryl, or cycloalkyl,

R<sub>2</sub> and R'<sub>2</sub>, identical to or different from one another, being chosen from H, alkyl, CO-O-CH<sub>2</sub>-aryl, CO-O-alkyl, or cycloalkyl,

R<sub>3</sub> and R'<sub>3</sub>, identical to or different from one another, representing H, alkyl, CO-O-aryl, COO-CH(R)-O-CO-alkyl, PO(O-alkyl)<sub>2</sub>, PO(O-aryl)<sub>2</sub>, PO(ONa)<sub>2</sub>, or CO-O-CH(R)-aryl,

R being H or alkyl,

[[and]] <u>or</u>

R<sub>1</sub> and R<sub>2</sub>, and/or R'<sub>1</sub> and R'<sub>2</sub>, or R<sub>2</sub> and R<sub>3</sub> and/or R'<sub>2</sub> and R'<sub>3</sub>, or R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> and/or R'<sub>1</sub>, R'<sub>2</sub> and R'<sub>3</sub>, together form a nitrogenated mono heterocycle with the nitrogen atom or atoms to which they are respectively attached, or[[ also]],

R<sub>2</sub> and R<sub>3</sub> and/or R'<sub>2</sub> and R'<sub>3</sub> can be the same substituent, double-bonded to the nitrogen, cyclized with, respectively, R<sub>1</sub> or R'<sub>1</sub> in order to form a heterocycle, if appropriate substituted by R<sub>a</sub>, which is chosen from H, alkyl, alkyl substituted by 1, 2 or 3 halogen atoms, aryl, CO-O-alkyl, CO-O-aryl, -CO-OH, -CO-NH<sub>2</sub>, -CN, -CO-NH-alkyl, -CO-NH-aryl, -CO-N-(alkyl)<sub>2</sub>, CO-nitrogenated heterocycle, CO-oxygenated heterocycle, CO-nitrogenated and oxygenated heterocycle, NH<sub>2</sub>, NH-alkyl, N(alkyl)<sub>2</sub>, nitrogenated

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heterocycle, oxygenated heterocycle, nitrogenated and oxygenated –heterocycle, -O-alkyl, -O-aryl, -O-CH<sub>2</sub>-aryl, CH<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>NH-alkyl, CH<sub>2</sub>N-dialkyl, CH<sub>2</sub>NH-aryl, CH<sub>2</sub>-nitrogenated heterocycle, CH<sub>2</sub>-oxygenated heterocycle, CH<sub>2</sub>-nitrogenated and oxygenated heterocycle, CH<sub>2</sub>-CO-OH,

or a pharmacologically acceptable salt thereof,

in association with an inert pharmaceutical vehicle,

with the proviso that when  $R_1$  and  $R_2$  form a heterocycle, and  $R'_1$  and  $R'_2$  form the same heterocycle as is formed with  $R_1$  and  $R_2$ , and n=0, and  $R_3$  is hydrogen or alkyl, and  $R'_3$  is hydrogen or alkyl, or

when  $R_1$  and  $R_3$  form a heterocycle, and  $R'_1$  and  $R'_3$  form the same heterocycle as is formed with  $R_1$  and  $R_3$ , and n=0, and  $R_2$  is hydrogen or alkyl, and  $R'_2$  is hydrogen or alkyl,

then m is 12-21.

54. (Previously Presented) The pharmaceutical composition according to claim 53, in a form administrable by oral route, by injectable route, or by rectal route.

Claims 55-57. (Cancelled)

58. (Previously Presented) The pharmaceutical composition of claim 53 for the treatment of malaria.

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59. (Previously Presented) A pharmaceutical composition according to claim 53 wherein the pharmaceutically effective amount is an amount effective to treat malaria.

60. (Currently Amended) A pharmaceutical composition according to claim 53 wherein said at least one compound [[has]]of the formula (V)

$$R'_{1-N}$$
 $R'_{3}-N-C-Z-C-N-R_{3}$ 
 $R'_{2}$ 
 $R'_{2}$ 
 $R'_{2}$ 
 $R'_{2}$ 

or a pharmacologically acceptable salt thereof.

- 61. (Previously Presented) A pharmaceutical composition according to claim 60 wherein in said compound or pharmacologically acceptable salt thereof  $R_1$ ,  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_3$  are independent of one another.
- 62. (Previously Presented) A pharmaceutical composition according to claim 61, wherein in said compound or pharmacologically acceptable salt thereof R<sub>1</sub> and/or R'<sub>1</sub> do not represent a hydrogen atom, whilst R<sub>3</sub> and/or R'<sub>3</sub>, R<sub>2</sub> and/or R'<sub>2</sub>, represent a hydrogen atom.
- 63. (Previously Presented) A pharmaceutical composition according to claim 62, wherein in said compound or pharmacologically acceptable salt thereof  $R_1$  and/or  $R'_1$ , and  $R_2$  and/or  $R'_2$  represent a hydrogen atom, whilst  $R_3$  and/or  $R'_3$  are different from a hydrogen atom.

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64. (Previously Presented) A pharmaceutical composition according to claim 60, wherein in said compound or pharmacologically acceptable salt thereof

 $R_1$  and  $R_2$ , and/or  $R'_1$  and  $R'_2$ , or

R<sub>2</sub> and R<sub>3</sub>, and/or R'<sub>2</sub> and R'<sub>3</sub>, or

 $R_1$ ,  $R_2$  and  $R_3$  and/or  $R'_1$ ,  $R'_2$  and  $R'_3$  together form a heterocycle.

65. (Currently Amended) A pharmaceutical composition according to claim 64, wherein in said compound or pharmacologically acceptable salt thereof

 $R_1$  and  $R_2$  as well as  $R'_1$  and  $R'_2$  form a heterocycle, <u>of having</u> the general formula (VI)

$$R_{1}$$
 $R_{1}$ 
 $R_{1}$ 
 $R_{1}$ 
 $R_{2}$ 
 $R_{2}$ 
 $R_{3}$ 
 $R_{3}$ 
 $R_{3}$ 
 $R_{1}$ 
 $R_{1}$ 
 $R_{1}$ 
 $R_{2}$ 
 $R_{3}$ 
 $R_{3}$ 

66. (Currently Amended) A pharmaceutical composition according to claim 65, wherein in said compound or pharmacologically acceptable salt thereof

R<sub>1</sub> and R<sub>2</sub> and/or R'<sub>1</sub> and/or R'<sub>2</sub> represent a –(CH<sub>2</sub>)<sub>p</sub>- wherein p is an integer from 1 to 5, and R<sub>3</sub> and/or R'<sub>3</sub> represents CO-O-alkyl, CO-O-aryl, CO-O-CH<sub>2</sub>-aryl, COO-CH(alkyl)-O-CO-alkyl, PO(O-alkyl)<sub>2</sub>, PO(O-aryl)<sub>2</sub>, alkyl or H-represent a hydrogen atom,

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and  $R_2$  and  $R_3$ , and/or  $R'_2$  and/or  $R'_3$  represent a  $-(CH_2)_p$ - group, wherein p is an integer from 1 to 5.

67. (Previously Presented) A pharmaceutical composition according to claim 53, wherein in said compound or pharmacologically acceptable salt thereof  $R_2$  and  $R_3$  and/or  $R_2$  and  $R_3$  form a same substituent and form together with  $R_1$  or respectively  $R_1$  a bis-oxadiazole of formula (VIII.)

$$\underset{R_{a}}{\underbrace{\hspace{1cm}}}^{O^{-N}} \hspace{-0.5cm} \stackrel{N}{\underset{N}{\longleftarrow}} Z \overset{N}{\underset{N}{\longleftarrow}} \underset{R_{a}}{\underbrace{\hspace{1cm}}} (VIII)$$

68. (Previously Presented) A pharmaceutical composition according to any one of claims 60-67, in a form administrable by oral route, by injectable route, or by rectal route.

69. (Previously Presented) A pharmaceutical composition of any one of claims 53, 54 or 60-67, wherein the pharmaceutically effective amount is an amount effective to treat malaria.